



FLIWAS, the right information at the right place at the right time for the right persons to take the right decision

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The risk of floods along the major rivers is a real danger in a large part of Europe. To prevent victims and minimize damage, mankind has to be well prepared for flood events. At such times up to date, unambiguous and reliable information is essential. The system FLIWAS collects and presents the information and calculations that are required in the case of (threatening) floods. In this way it contributes to better emergency response and disaster relief.

FLIWAS is the acronym for *Flood Information & Warning System*. FLIWAS is a web-based system and consist of different independently usable modules. FLIWAS will provide current information about imminent floods in major rivers to the right persons, at the right time, at the right location, to take the right decisions. This way better decisions can be made and professionals are more aware of the impact of their decisions.

FLIWAS is primarily intended for water management professionals and for decision makers on different levels. The water manager can access information that can be used to take appropriate practical actions during flood events (technical level). Also information on current water levels and predictions or weak spots in embankments can be supplied. Decisions have to be taken about protecting and watching dykes (operational level). Supported by FLIWAS, decision makers are better informed when they have to determine how to respond in a flood event (strategic level). Is the population at risk? Is evacuation required? Is military relief needed? Detailed geographical information and the results of flood modelling calculations show the impact of potential flooding. The information and maps supplied by FLIWAS make it possible to provide better answers. In this way uncertainties are reduced.